10Gb Rigid Industrial Duplex Multimode 50/125 OM3 Fiber Patch Cable (LC/LC) - IP68, Aqua, 5 m (16.4 ft.)

MODEL NUMBER: **N820-05M-IND**

Connects fiber optic Ethernet equipment in industrial environments that require protection against dust and moisture.

Features

10G Duplex Multimode Cable Designed for Outdoor or Harsh Indoor Environments
This 16.4-foot (five-meter) 50/125 OM3 LC/LC IP68-rated outdoor cable is ideal for connecting 10G Ethernet fiber networks in outdoor applications and other areas where protection from harsh elements is essential, such as factories, warehouses, recycling plants, machine shops and other dusty environments. The rigid, durable cable and small-form-factor LC duplex connectors withstand dust, debris and moisture that could threaten your IT infrastructure. Included dust caps are located at both ends for protection from dust and debris when the connectors are not in use.

IP68 Rating Denotes Resistance to Dust and Water
The fiber cable is 100% protected against dust and able to endure immersion in 1.5 meters of water for up to 60 minutes with no damage or decline in performance. Concentration of water moisture in fiber connectors will lead to glass damage and can severely disrupt or halt performance of optical cables. For applications that require IP68 protection, use the industrial cable with a Tripp Lite N206-SB01-IND surface-mount box and an N455-BC01-IND bulkhead coupler. If only IP44 protection against splashing water from all directions is required, pair the cable with a N206-FP01-IND, N206-FP02-IND or N206-FP04-IND metal wall plate and an N455-BC01-IND bulkhead coupler.

Color-Coded to Avoid Misidentification That Can Cause Costly Downtime
This fiber cable features an aqua PVC jacket with aqua LC duplex ends. The color-coding allows easy, fast OM3 identification in a crowded rack, patch panel or workstation and helps prevent the cable from becoming inadvertently disconnected.

Highlights

- Protects 10Gb fiber Ethernet applications in outdoor or harsh environments
- Resists dust and endures immersion in 1.5 m of water up to 60 min.
- Low insertion loss of >0.10 db ensures a strong signal through your network
- Color-coded aqua for fast, easy OM3 identification in a crowded rack or patch panel

Applications

- Connect 10G fiber Ethernet networks in factories, warehouses, recycling plants, machine shops and other environments prone to dust or water
- Provide connectivity in outdoor environments susceptible to rain, such as a stadium or outdoor arena

Package Includes

- N820-05M-IND 10Gb Duplex Multimode 50/125 OM3 Fiber Patch Cable, Aqua, 5 m

Specifications

OVERVIEW	
UPC Code	037332252746

Clad Diameter	50uM
Core Diameter	125uM
Number of Fibers	2
Optical Mode	OM3

INPUT	
Cable Length (ft.)	16.40
Cable Length (m)	5
Cable Length (in.)	196.850
Cable Length (cm)	500

ISOLATION	
Insertion Loss	< 0. 10 db

PHYSICAL	
Cable Jacket Type	PVC
Cable Outer Diameter (OD)	7.5 +/- 0.5mm
Color	Aqua
Minimum Bend Radius	7.5 * 20=150mm

ENVIRONMENTAL	
Operating Temperature Range	14 ~ 122°F (-10 ~ 50°C)
Storage Temperature Range	5 ~ 140°F (-15 ~ 60°C)
Relative Humidity	0% ~ 90% RH, Non Condensing

COMMUNICATIONS	
Network Speed	10Gbps

CONNECTIONS	
Side A - Connector 1	LC DUPLEX (MALE)
Side B - Connector 1	LC DUPLEX (MALE)

FEATURES & SPECIFICATIONS	
Technology	Multimode
Optical Port	LC

CERTIFICATIONS	
Certifications	Tested to RoHS, REACH, UL, IP68 (water resistant up to 1.5m depth for 60 minutes based on manufacturer guarantee)

Protection Rating	IP68
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty